

Converting Colors

YUV(166.7230, -23.0344,
61.6329)

Have a look what the booklet for
YUV(166.7230, -23.0344, 61.6329)
contains.

YUV(166.7230, -23.0344, 61.6329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.7230, -23.0344,
61.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8C78
RGB	237, 140, 120
RGB Percent	93%, 55%, 47%
CMY	0.0706, 0.4510, 0.5294
CMYK	0.00, 0.41, 0.49, 0.07
HSL	10°, 76%, 70%
HSV	10°, 49%, 93%
XYZ	47.6933, 38.1168, 22.6129
YIQ	166.7230, 64.2320, 14.3440

Conversions

Conversions Part 2

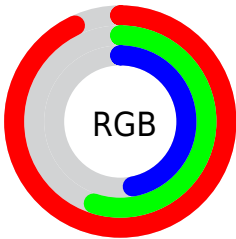
Format	Color
R _Y B	237, 144, 120
Decimal	15567992
CIE Lab	68.11, 34.79, 26.57
CIE LCh	68, 43.780, 37.369
Yxy	38.1168, 0.4399, 0.3516
Android (android.graphics.Color)	4293758072 (0xFFED8C78)
YUV	166.7230, -23.0344, 61.6329
Hunter-Lab	61.7388, 29.8487, 21.5012

Details

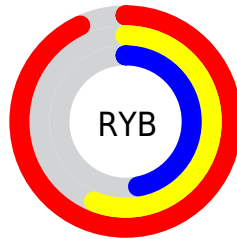
The YUV color **166.7230, -23.0344, 61.6329** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **190.2770, 23.0344, -61.6329**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3180, -18.8908, 39.1861**, and **112.6730, -20.5448, 56.4148** is the 20% darker color. If you saturate the color by 10%, you get **152.2470, -27.7298, 74.3284**, and if you desaturate by 10%, it is **181.1990, -18.3391, 48.9375**.

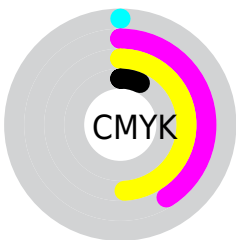
Distribution



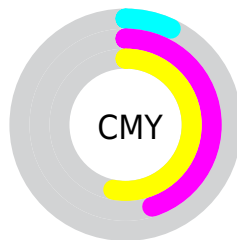
- Red (93%)
- Green (55%)
- Blue (47%)



- Red (93%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7230, -23.0344, 61.6329 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.7230, -23.0344, 61.6329 by changing the saturation by 10% instead.

166.7230,
-23.0344, 61.6329

166.7230,
-23.0344, 61.6329

255.0000, 0.0000,
0.0000

139.6410,
-22.0080, 59.0738

210.3180,
-18.8908, 39.1861

112.6730,
-20.5448, 56.4148

229.9460,
-14.7634, 21.9724

86.8190, -18.6448,
53.6557

250.1610,
-10.9254, 4.2438

61.8510, -17.1815,
50.9967

34.8940, -15.7237,
50.0820

19.1360, -9.4340,
39.3457

12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 166.7230,
-23.0344, 61.6329

■ 166.7230,
-23.0344, 61.6329

■ 152.2470,
-27.7298, 74.3284

■ 181.1990,
-18.3391, 48.9375

■ 138.4720,
-32.2777, 86.4091

■ 194.9740,
-13.7912, 36.8568

■ 123.9960,
-36.9730, 99.1045

■ 209.4500, -9.0958,
24.1614

■ 109.5200,
-41.6684, 111.8000

■ 223.9260, -4.4005,
11.4659

■ 95.7450, -46.2163,
123.8806

■ 237.7010, 0.1474,
-0.6148

■ 94.9300, -46.8005,
124.5954

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.7290, -5.2894, 63.3817



166.7230, -23.0344, 61.6329



164.6980, -35.3471, 44.1149

Triad

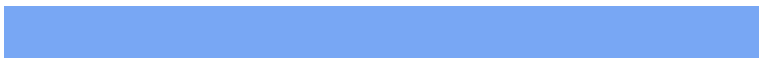
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.7230, -23.0344, 61.6329



149.2970, -7.5414, -54.6345



161.7250, 40.5616, -36.5928

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.7230, -23.0344, 61.6329



190.2770, 23.0344, -61.6329

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



131.6180, 52.4463, -115.4290



166.7230, -23.0344, 61.6329



129.7190, 22.3235, -113.7636

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.7230, -23.0344, 61.6329



157.5610, -27.8846, -16.2780



132.8770, 39.5006, -116.5331



170.0470, 29.0638, 11.3598

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.7230, -23.0344, 61.6329



163.4910, -38.2031, 26.7564



132.8770, 39.5006, -116.5331



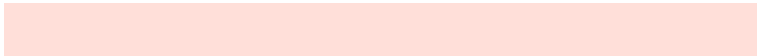
156.4130, 43.6734, -54.7362

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166.7230, -23.0344, 61.6329



231.8840, -7.3378, 20.2727



166.0410, 25.1228, 62.2310



113.6380, -4.2585, 12.5955



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.7230, -23.0344, 61.6329



164.5250, -29.3458, 79.3466



200.7690, -39.8191, 31.7746



110.4630, -2.2003, 5.7329



72.3160, -35.6518, 95.3159



21.4290, -10.5645, 28.5648

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



190.2770, 23.0344, -61.6329



194.8880, 29.6352, -78.8318



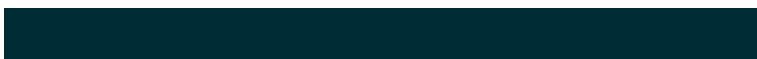
156.2310, 39.8191, -31.7746



112.5370, 2.2003, -5.7329



108.6840, 35.6518, -95.3159



31.9840, 10.8539, -28.0500

Previews

White Background



This preview shows how the YUV color 166.7230, -23.0344, 61.6329 looks on a white background.

Color Contrast Check

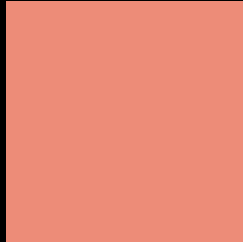
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.7230, -23.0344, 61.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

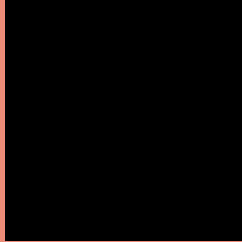
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.7230, -23.0344, 61.6329

Background



This preview shows how black text looks on a background with the YUV color 166.7230, -23.0344, 61.6329.



This preview shows how white text looks on a background with the YUV color 166.7230, -23.0344,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.7230, -23.0344, 61.6329

Protanopia

165.4130, -16.4726, 10.1618

Deuteranopia

165.7590, -24.5312, 28.2754



Tritanopia

167.9370, -10.8149, 62.3223

Trichromacy



Original Color

166.7230, -23.0344, 61.6329

Protanomaly

166.2520, -18.8582, 28.7200

Deuteranomaly

165.9500, -24.1323, 40.3859

Tritanomaly

167.1990, -14.8881, 62.0925

Monochromacy



Original Color

166.7230, -23.0344, 61.6329

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6670, -8.2168, 22.2170

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7230, -23.0344, 61.6329 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 140, 120)` looks like.

```
.text, #text, p{  
    color:rgb(237, 140, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 140, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 140, 120) }
```

Border

The CSS property to change the border of an element to YUV 166.7230, -23.0344, 61.6329 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 140, 120) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 140, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 140, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 140, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 140, 120);  
box-shadow:4px 4px 4px 4px rgb(237, 140,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 166.7230, -23.0344, 61.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 140, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
140, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor